



DELHI NATIONAL PUBLIC SCHOOL.
(2024-25)

SUMMER HOLIDAY HOMEWORK



Name

CLASS

Delhi National Public School



It's summertime when faces light up with a grin

As holidays are about to begin

It's time for the children to play and enjoy

Free, unbound, high-spirited but safe at home

Dear Parents,

The academic session 2024-25 has begun in full swing and students have well settled in their classes. It is vital to enable our learners to foster an outlook that helps them explore, discover, and rediscover. Summer vacation is the best and fruitful time for learning and nurturing creativity. Amidst all the fun and frolic, let's twirl our fingers and mind for a bit of homework. A variety of fun-filled activities are given to be attempted during summer break. Use your energy and give a vent to your creativity. It will surely enhance your learning process.

General Instructions:

1. Homework will be done on A4/A3 size sheets as instructed. All sheets to be filed in a beautifully decorated handmade folder, with your name and class clearly written at the top.
2. Originality of work will be appreciated.
3. Homework will be assessed on the basis of neatness, creativity, and originality of ideas.



CLASS – IX

ENGLISH

1. Students are directed to read newspaper and make a non-plastic creative file in which paste some current affairs topics with photographs and write something by their own
2. Read the book 'five tales of Shakespeare' and write a brief book review any two of the tales in your creative file.
3. Select three poem from the your book and highlight the literary devices like simile, metaphor etc explain the literary device and cute suitable example from selected poems, write it in your creative file.
4. Students are required to revise the progressive assessment -1 syllabus of English thoroughly.

हिंदी

१. अपनी पाठ्यपुस्तक में से किसी एक लेखक का जीवन परिचय, साहित्यिक परिचय विषय पर परियोजना कार्य करें।
२. निम्नलिखित में से किसी एक विषय पर परियोजना का तैयार करें।

अलंकार अथवा वाक्य

निर्देश:-

१. परियोजना कार्य के लिए गत्ते वाली फाइल का प्रयोग करें।
२. परियोजना कार्य के लिए रंगीन ए- ४ सीट का प्रयोग करें।
३. परियोजना कर में चित्र का प्रयोग करें।
४. हिंदी में दोनों विषय पर परियोजना कार्य करना है।

SST

Make a project

Topic----- Forest Society and colonialism

- *Factors leading to Deforestation
- *Expansion of area under cultivation
- *Plantation of cash crops
- *The rise of commercial forestry
- *Effects of the forest Acts on the people
- *Forest Rules
- *New avenues of occupation
- *World wars leading to deforestation
- *New Developments in forestry
- *Factors leading to forestation

Requirements

A⁴ size sheets, Related Pictures, And use only Card Board files not plastic file

COMPUTER PROJECT

The topic must contain the following points:-

- | | |
|---|--|
| (a) Introduction to Artificial Intelligence | (b) Types of Artificial Intelligence |
| (c) Purpose of Artificial Intelligence | (d) The uses of Artificial Intelligence |
| (e) Advantage and disadvantage of Artificial Intelligence | (f) Application of Artificial Intelligence |

Make your Project on A4 sheet paper.

Write information; add pictures to make it attractive or you can also draw pictures. On the first page write topic name, your name, class and section. From selection page write information about the topic. Use at least 5 pages to complete the project. Don't write information on both side of the page

OR

Make PPT on the given topic4 Learn ch 1 and ch 2.

MATHEMATICS

READ THESE INSTRUCTIONS FIRST

1. Answer all questions given you in your assignment.
2. You may submit the homework in a separate notebook with an attractive cover.
3. Do not use class math notebook for doing holiday homework.
4. Write your name, class and section on the cover page.
5. Revise all questions and examples of chapter 1,3,4 and 5 and 10 then solve the following questions. Revise the syllabus of your PA-1.

Assignment 1-NUMBER SYSTEM <https://acrobat.adobe.com/id/urn:aaid:sc:AP:aaf6c98d-8647-469d-8701-42856888f41e>

Assignment 2-COORDINATE GEOMETRY <https://acrobat.adobe.com/id/urn:aaid:sc:AP:fb8ed2c1-e9a0-4b49-9023-c0dd984d13f6>

Assignment 3- LINEAR EQUATIONS IN TWO

VARIABLES <https://acrobat.adobe.com/id/urn:aaid:sc:AP:c31d5797-3130-40ce-9a5e-7bfa4f7d620a>

Assignment 4-HERONS FORMULA <https://acrobat.adobe.com/id/urn:aaid:sc:AP:0291e38f-5266-4621-93f5-65a15cd5046d>

SCIENCE

PHYSICS

TOPICS - Newton's third law of motion

ACTIVITY MATERIAL REQUIRED –

1. To demonstrate Newton's third law of motion with the help of balloons. Balloons, a string, a plastic strip, black tape etc
2. Newton's laws of motion Give examples showing applicability of the Newton's laws of motion in everyday life situations.

Make a project file for it .Project file, A4 size sheets etc.

3. Motion-

Draw the following:

1. Distance time graph for uniform and non-uniform motion.
2. Velocity time graph for uniform velocity.
3. Velocity time graph for uniform acceleration. Graph paper, project file, pencil, eraser etc

Chemistry- Properties of matter Compare in Tabular form the properties of solids, liquids and gases with respect to 1. Shape 2. Volume 3. Compressibility 4. Diffusion 5. Fluidity or rigidity. A4 size sheets, colour pen, ETC

BIOLOGY

TOPICS ACTIVITY MATERIAL REQUIRED What are Tissues?

Explain the types of meristematic and permanent tissues with diagrams. To show the process of osmosis by using potatoes. Write procedure and observations on A4 sheets. [Roll no 25 onwards] Potatoes, pins, transparent bowl, peeler, knife etc What is chloroplast? Explain the structure and functions of it.

Model- use cardboard make a model mitochondrial and lysosome by using different pulses.....

NOTES- COMPLETE SCIENCE LAB MANUAL IN PHYSICS , CHEMISTRY AND BIOLOGY.....